

Notice of Allowability

Application No.

09/643,583

Examiner

Oanh Duong

Applicant(s)

GUPTA ET AL.

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/30/06 & 07/03/06.
2. ☒ The allowed claim(s) is/are 1 and 6.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☒ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☒ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


SALEH NAJJAR
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

1. Claims 1 and 6 are allowed.
Claims 2-5, and 7-14 have been cancelled.

REASONS FOR ALLOWANCE

2. The following is an examiner's statement of reasons for allowance:

In interpreting the claims, in light of the specification (from page 37 line 1 to page 38 lines 12) and the applicant's arguments filed on 05/30/2006, Examiner finds the claimed invention to be patentably distinct from the prior art of record.

Li et al. (Us 6,591,266 B1) teaches a system and method for intelligent caching and refresh of dynamically generated and static web content, wherein web pages that do not change frequently may be stored in a web server, and those pages will be delivered straight from the web server back to the client browser without ever going to the application server (Li, col. 3 lines 16-29), and web page in cache is automatically refreshed every time the data associated with that web page changes (Li, col. 9 lines 37-39).

Gauvin et al. (6,061,686) teaches method for updating a local copy of an origin document, wherein a update server periodically access the origin server to determine if a copy of the web page is different from the origin document. If the copy is different, the copy is modified to reflect the differences (Gauvin, col. 5 line 22-37).

Labounty et al. (US 6,871,211 B2) teaches a network based medical telemetry system wherein the browser loads a web page, which displays relatively static or quasi-static data (Labounty, col. 7 lines 29-47).

However, the prior art of record fails to teach or suggest individually or in combination that a method that a method for providing a requester with access to dynamic data via quasi-static data requests, comprising the steps of: defining a web page, said web page including at least one dynamic element that changes at a relatively slow rate as compared to other dynamic data or that changes at a well defined rate with respect to other dynamic data; creating an executable digital code to be run on a computer and invoked at defined intervals by a scheduler code, said executable code creating and storing a quasi-static copy of said defined web page; **creating said scheduler code capable of invoking said executable code at predefined intervals, said scheduler code including information on which executable code is to be executed and how often; loading said executable code and said scheduler code onto a platform in connectivity with a web server and in a manner in which said executable code and said scheduler code are in connectivity with each another; invoking execution of said scheduler code such that said executable code generates said quasi-static copy of said defined web page at periodic intervals;** retrieving and returning said quasi-static copy of said defined web page in response to requests for said defined web page; and **the creation of said executable code and the creation of the scheduler code is generated from Business Class definitions comprised of**

said defined web pages as set forth in independent claim 1 and as defined in the applicant's specification from page 37 line 1 to page 38 line 12.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

EXAMINER'S AMENDMENT

3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

4. **Authorization for this examiner's amendment was given in a telephone interview with Mary Lou Wakimura (Registration No. 31,804) on August 3, 2006.**

The application has been amended as follows:

The title of the invention is changed to: **"Object Oriented Based, Business Class Methodology for Generating Quasi-Static Web Pages at Periodic Intervals"** (see MPEP 606.01).

The claims of the invention are amended as follows:

Claim 1. (Currently amended) A method for providing a requester with access to dynamic data via quasi-static data requests, comprising the steps of:

defining a web page, said web page including at least one dynamic element that changes at a relatively slow rate as compared to other dynamic data or that changes at a well defined rate with respect to other dynamic data;

creating an executable digital code to be run on a computer and invoked at defined intervals by a scheduler code, said executable code creating and storing a quasi-static copy of said defined web page;

creating said scheduler code capable of invoking said executable code at predefined intervals, said scheduler code including information on which executable code are is to be executed and how often;

loading said executable code and said scheduler code onto a platform *in* connectivity with a web server and in a manner in which said executable code and said scheduler code are in connectivity with each another;

invoking execution of said scheduler code such that said executable code generates said quasi-static copy of said defined web page at periodic intervals; and

retrieving and returning said quasi-static copy of said defined web page in response to requests for said defined web page; and

wherein:

said web page is defined and stored in a centralized repository;

defining said web page comprises the steps of:

defining a placement and derivation for all elements comprising
said web page; and
defining said web page as either static or dynamic in nature;
said elements are defined as dynamic or static in nature; and
the creation of said executable code and the creation of the scheduler
code is generated from Business Class definitions comprised of said
defined web pages.

Claim 2. (Canceled).

Claim 3. (Canceled).

Claim 4. (Canceled).

Claim 5. (Canceled).

Claim 6. (Currently Amended) The method of claim [[5]] 1 wherein said static copy of said defined web page is stored in a format capable of being viewed by a web browser.

Claims 7. (Canceled).

Claim 8. (Canceled).

Claim 9. (Canceled).

Claim 10. (Canceled).

Claim 11. (Canceled).

Claim 12. (Canceled).

Claim 13. (Canceled).

Claim 14. (Canceled).

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Oanh Duong whose telephone number is (571) 272-3983. The examiner can normally be reached on Monday-Friday, 9:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

O.D
August 4, 2006


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